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L1	613	702/57.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:36
L3	213256	((("324") or ("600") or ("364") or ("702"))).CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 13:39
L4	8073	L3 and @pd>="20050614"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:42
L9	71	L4 and interface and (control\$3 process\$3) and (storage database memory) and (converter same analog same digital) and ((command instruction program) same (store storing save saving saved) same (storage database memory)) and ((measurement measur\$3) same data same (storage database memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:51
L10	9	L4 and (interface same (transfer move transport transmit shift shift\$3) same (measurement measur\$3 calculat\$3 determin\$3) same (data input signal) same (control\$3 control process process\$3)) and (control\$3 control process process\$3) and (storage database memory) and (converter same analog same digital) and ((command instruction program) same (store storing save saving saved) same (storage database memory)) and ((measurement measur\$3 calculat\$3 determin\$3) same (data input signal) same (storage database memory)) and (measur\$5 same (point limit threshold) same (data input signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:25
L11	1592	(interface same (transfer move transport transmit shift shift\$3) same (measurement measur\$3 calculat\$3 determin\$3) same (data input signal) same (control\$3 control process process\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:24

L12	47	((interface same (transfer move transport transmit shift shift\$3) same (measurement measur\$3 calculat\$3 determin\$3) same (data input signal) same (control\$3 control process process\$3)) and (control\$3 control process process\$3) and (storage database memory) and (converter same analog same digital)).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:27
L13	2	((collect\$3 obtain\$3 retriev\$3) same (forward\$3 transfer\$4) same (calculat\$3 determin\$3 measur\$5) same (data signal input)) and (interface same (transfer move transport transmit shift shift\$3) same (measurement measur\$3 calculat\$3 determin\$3) same (data input signal) same (control\$3 control process process\$3)) and (control\$3 control process process\$3) and (storage database memory) and (converter same analog same digital)).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:50
L14	1035	alstom with technology.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:50
L16	50	peters-michael.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:51
L17	206	peters-michael\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:51
L19	1	L17 and interface and (control control\$3 process\$3) and (storage database memory) and (converter same analog same digital) and ((command instruction program) same (storage database memory)) and ((measurement measur\$3) same data same (storage database memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:54

L20	0	L14 and interface and (control control\$3 process\$3) and (storage database memory) and (converter same analog same digital) and ((command instruction program) same (storage database memory)) and ((measurement measur\$3) same data same (storage database memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:55
L30	3	(interface and (control control\$3 process\$3) and (storage database memory) and (converter with analog with digital) and ((command instruction program) with (storage database memory)) and ((measurement measur\$3) with data with (storage database memory)) and ((stor\$3 filing) with (command instruction program) with (database storage memory)) and ((reading retrieving) with (command instruction program) with (database storage memory))). CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:08

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Intelligent and free user configurable low cost data acquisition unit**  
Edelmoser, K.; Anselmi, C.;  
Industrial Electronics, Control, and Instrumentation, 1996., Proceedings of the 1996 IEEE IECON 22nd International Conference on  
Volume 2, 5-10 Aug. 1996 Page(s):1301 - 1305 vol.2  
IEEE CNF
2. **A Holter-type microprocessor-based rehabilitation instrument for acquisition and storage of plantar pressure data in children with cerebral palsy**  
Abu-Faraj, Z.O.; Harris, G.F.; Abler, J.H.; Wertsch, J.J.; Smith, P.A.;  
Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Neural Systems and Rehabilitation]  
Volume 4, Issue 1, March 1996 Page(s):33 - 38  
IEEE JNL
3. **Data acquisition system for measurements in free moving subjects and its applications**  
Lombardi, R.; Coldani, G.; Danese, G.; Gandolfi, R.; Leporati, F.;  
Instrumentation and Measurement, IEEE Transactions on  
Volume 52, Issue 3, June 2003 Page(s):878 - 884  
IEEE JNL
4. **A DSP-based mixed-signal waveform generator**  
Yeary, M.B.; Fink, R.J.; Beck, D.; Guidry, D.W.; Burns, M.;  
Instrumentation and Measurement, IEEE Transactions on  
Volume 53, Issue 3, June 2004 Page(s):665 - 671  
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5. **A low-cost PC-based virtual oscilloscope**  
Bhunia, C.; Giri, S.; Kar, S.; Haldar, S.; Purkait, P.;  
Education, IEEE Transactions on  
Volume 47, Issue 2, May 2004 Page(s):295 - 299  
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6. **Event controlled sampling system for marine research**  
Jaskulke, R.; Himmel, B.;  
Instrumentation and Measurement Technology Conference, 2003. IMTC '03. Proceedings of the 20th IEEE  
Volume 2, 20-22 May 2003 Page(s):1419 - 1421 vol.2  
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7. **A spline function, DSP based mixed-signal arbitrary waveform generator**  
Yeary, M.; Fink, R.; Beck, D.; Burns, M.; Guidry, D.;  
Instrumentation and Measurement Technology Conference, 2002. IMTC/2002. Proceedings of the 19th IEEE  
Volume 2, 21-23 May 2002 Page(s):1211 - 1215 vol.2  
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8. **A monolithic charge-balancing successive approximation A/D technique**  
Redfern, T.P.; Connolly, J.J.; Chin, S.W.; Frederiksen, T.M.;  
Solid-State Circuits, IEEE Journal of  
Volume 14, Issue 6, Dec 1979 Page(s):912 - 920

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9. **A microprocessor-based data-acquisition system for measuring plantar pressures from ambulatory subject**  
Zhu, H.; Harris, G.F.; Wertsch, J.J.; Tompkins, W.J.; Webster, J.G.;  
Biomedical Engineering, IEEE Transactions on  
Volume 38, Issue 7, July 1991 Page(s):710 - 714

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10. **CMOS interface of a flow sensor for urodynamic monitoring**  
Viarani, N.; Massari, N.; Gottardi, M.; Simoni, A.;  
Instrumentation and Measurement Technology Conference, 2004. IMTC 04. Proceedings of the 21st IEEE  
Volume 2, 18-20 May 2004 Page(s):1574 - 1577 Vol.2

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11. **Noise and distortion in transient waveform recorders**  
Gorton, R.;  
Instrumentation and Measurement Technology Conference, 1988. IMTC-88. Conference Record., 5th IEEE  
20-22 April 1988 Page(s):208 - 211

## IEEE CNF

12. **Architecture and performance of the PEP-II low-level RF system**  
Corredoura, P.;  
Particle Accelerator Conference, 1999. Proceedings of the 1999  
Volume 1, 27 March-2 April 1999 Page(s):435 - 439 vol.1

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13. **Memorized testing and measuring technology**  
Jing Zu; Xiangnan Shen; Wendong Zhang;  
Instrumentation and Measurement Technology Conference, 1994. IMTC/94. Conference Proceedings. 10th  
Anniversary. Advanced Technologies in I & M., 1994 IEEE  
10-12 May 1994 Page(s):1187 - 1190 vol.3

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